

Patent Claims

1. Method for producing an electrical connection between a first and a second contact partner,
5 characterized in that the two contact partners are led together as a plug-in connection and are then non-detachably connected to each other in an integral or quasi-integral manner.
2. Method according to Claim 1, characterized in
10 that the integral connection is produced by laser welding, resistance welding or brazing.
3. Method according to Claim 1, characterized in that the quasi-integral connection is produced by crimp or clamp connections.
- 15 4. Method according to Claim 1, 2 or 3, characterized in that one contact partner is inserted into a contact guide in the region of the other contact partner in a plug housing, and the integral or quasi-integral connection is produced through an opening in
20 the plug housing.
5. Method according to one of the preceding claims, characterized in that the integral or the quasi-integral connection is produced within a component group.
- 25 6. Method according to one of the preceding claims, characterized in that the integral or the quasi-integral connection is produced and then inserted into a component group.
7. Device for producing an electrical connection
30 between a first contact partner (3, 4) and a second contact partner (7), characterized in that the two contact partners (3, 4, 7) can be led together as a plug-in connection and then non-detachably connected to each other in an integral or quasi-integral manner.
- 35 8. Device according to Claim 7, characterized in that the plug-in connection has a plug housing (1) that accommodates the first contact partner (3, 4) and has a receiving opening for the insertion of the second contact partner (7).

9. Device according to Claim 7 or 8, characterized in that the plug-in connection or the plug housing (1) has an opening (9) for the production of the integral or quasi-integral connection.
- 5 10. Device according to one of Claims 7 to 9, characterized in that a plurality of first contact partners (3, 4) arranged beside one another form the plug-in connection.
- 10 11. Device according to one of Claims 7 to 10, characterized in that the plug housing (1) has at least one latching means (8) for the second contact partner (7).
- 15 12. Device according to one of Claims 7 to 11, characterized in that the plug-in connection is arranged in or on a component group, in particular a housing of an actuating device for setting the output of an internal combustion engine [E-Gas].